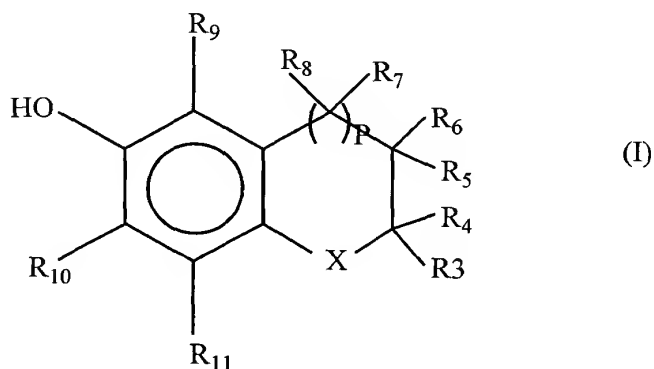


Please add an "Abstract", attached to this Preliminary Amendment as new page 34.

IN THE CLAIMS:

Please amend claims 1, 4-14, 20-23, and 26-32.

1. (Amended) E-vitamin derivative or a compound analogous with it, having the formula (I)



where X is an oxygen or sulfur atom, p is an integer 0 to 1, and R₃-R₁₁ are identical or different groups selected from hydrogen, C₁₋₆alkyl or α-alkene having the formula (II)



where n, m and o are integers 0-4 independent of each other and m+n+o is an integer 1-6 and R₁ and R₂ are identical or different groups selected from hydrogen or C₁₋₆alkyl or C₁₋₆alkene, which may be substituted with an aromatic ring,

or R₇ and R₈ are together an oxygen atom and/or R₄ and R₅ and/or R₁₀ and R₁₁ form together with the carbon atoms to which they are bonded a benzene ring, which may be substituted with groups selected from hydrogen, C₁₋₆alkyl or α-alkene.

4. (Amended) Derivative as defined in claim 1, characterized in that one of groups R_3 and R_4 or one of groups R_5 and R_6 is hydrogen or a C_{1-6} alkyl and the other an α -alkene consistent with formula (II) and R_7 - R_{11} are hydrogens or C_{1-6} alkyls.

5. (Amended) Derivative as defined in claim 1, characterized in that R_1 and R_2 are hydrogens.

A4 6. (Amended) Derivative as defined in claim 1, characterized in that it has formula (III), where X is oxygen, one of groups R_3 and R_4 is a methyl group and the other is an α -alkene consistent with formula (II), where $n+m+o$ equals 1 or 2 and R_1 - R_2 and R_5 - R_6 are hydrogens and R_9 - R_{11} are methyl groups.

7. (Amended) Derivative as defined in claim 1, characterized in that it has formula (IV), where X is oxygen, R_1 - R_4 are hydrogens, one of groups R_5 and R_6 is an α -alkene consistent with formula (II), where $n+m+o$ equals 4, and R_9 - R_{11} are methyl groups.

8. (Amended) Derivative as defined in claim 1, characterized in that one of groups R_9 - R_{11} is an α -alkene consistent with formula (II) and two of the groups are hydrogens or C_{1-6} alkyls, and R_3 - R_8 are hydrogens or C_{1-6} alkyls.

9. (Amended) Derivative as defined in claim 1, characterized in that R_{10} and R_{11} are hydrogens or C_{1-6} alkyls, R_9 is an α -alkene consistent with formula (II), where n is 0 or 1, m is 0 or 1 and o is an integer 1-4 and R_1 - R_2 are hydrogens or C_{1-6} alkyls.

10. (Amended) Derivative as defined in claim 1, characterized in that it has formula (III), X is oxygen, R₁-R₄ and R₁₀-R₁₁ are methyl groups, R₅-R₈ are hydrogens and R₉ is an α -alkene consistent with formula (II), where n is 0, m is 1 and o is 3.

11. (Amended) Derivative as defined in claim 1, characterized in that it has formula (III), X is oxygen, R₃-R₄ and R₁₀-R₁₁ are methyl groups, R₅-R₈ are hydrogens and R₉ is an α -alkene consistent with formula (II), where m is 0 and o+n equals 1.

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12. (Amended) Derivative as defined in claim 1, characterized in that one of groups R₉-R₁₁ is an α -alkene consistent with formula (II) and the other groups are hydrogens or C₁₋₆alkyls, and R₃-R₈ are hydrogens or C₁₋₆alkyls or R₇ and R₈ are together an oxygen atom and/or R₄ and R₅ form a benzene ring together with the carbon atoms to which they are bonded.

13. (Amended) Derivative as defined in claim 1, characterized in that R₁₀ is an α -alkene consistent with formula (II) where n is 0 or 1, m is 0 or 1 and o is an integer 1-4 and R₁ and R₂ are methyl groups, R₉ is a C₁₋₆alkyl, R₁₁ is a hydrogen, R₇ and R₈ are together an oxygen atom and R₄ and R₅, together with the carbon atoms to which they are bonded, form a benzene ring.

14. (Amended) Derivative as defined in claim 1, characterized in that it is 6-hydroxy-2,5,7,8-tetramethyl-2-(but-3-enyl)-chromane, 6-hydroxy-2,5,7,8-tetramethyl-2-(prop-2-enyl)-chromane, 6-hydroxy-2,2,7,8-tetramethyl-5-(1,1-dimethyl-hex-5-enyl)-chromane, 6-hydroxy-2,2,7,8-tetramethyl-5-(prop-2-enyl)-chromane, 5-hydroxy-4,6,7-trimethyl-3-(hex-5-enyl)-benzofurane or a hydroxythioxanthone derivative.

20. (Amended) Stabilized copolymer as defined in claim 17, characterized in that the olefin is ethylene, propylene, butylene and/or pentene.

AS 21. (Amended) Stabilized copolymer as defined in claim 17, characterized in that the aromatic compound is styrene.

22. (Amended) Stabilized copolymer as defined in claim 17, characterized in that the copolymer consists of one olefin or styrene monomer and comonomer consistent with formula (III), (IV) or (V).

23. (Amended) Stabilized copolymer as defined in claim 17, characterized in that the copolymer has a substantially regular structure.

26. (Amended) Method as defined in claim 24, characterized in that the copolymerization is performed using a metallocene catalyst or its derivative.

Al 27. (Amended) Method as defined in claim 24, characterized in that the catalyst used in copolymerization contains a π -cyclo-pentadienyl transition metal compound and an alumoxane compound.

28. (Amended) Method as defined in claim 24, characterized in that the catalyst used in copolymerization contains a π -cyclo-pentadienyl transition metal compound and a compound containing boron.

Markku Auer et al

Attorney Docket No.: 2534-00066

29. (Amended) Method as defined in claim 24, characterized in that the comonomer has been complexed to the catalyst.

30. (Amended) Method as defined in claim 24, characterized in that the olefin is ethylen, propylene, butylene and/or pentene.

31. (Amended) Method as defined in claim 24, characterized in that the aromatic compound is styrene.

32. (Amended) Method as defined in claim 24, characterized in that the amount of monomer and stabilizing comonomer supplied into the process is exactly defined.

REMARKS

The present Preliminary Amendment is being filed in order to provide an Abstract of the Disclosure as new page 34 of the specification, to make of record the claim to priority and to rewrite a number of the claims to eliminate their multiple dependency and to bring these claims into the proper format for U.S. prosecution.

Applicant believes the application is in condition for examination and respectfully requests same.